

GenCore version 5.1.9
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: November 7, 2006, 10:34:15 ; Search time 4 Seconds
(without alignments)
2.912 Million cell updates/sec

Title: US-10-764-316-6-COPY

Perfect score: 2743

Sequence: 1 gcgggcgcgtatccattctgt.....aaaaaaaaaaaaaaaaa 2743

Scoring table:

IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 105 seqs, 2123 residues

Total number of hits satisfying chosen parameters: 210

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 105 summaries

Database : pubnewdb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|-------|-------------|--------|----|---------------------|
| 1 | 35 | 1.3 | 40 | 1 | US-10-518-559-1 |
| 2 | 35 | 1.3 | 40 | 1 | US-11-254-920-19 |
| 3 | 35 | 1.3 | 40 | 1 | US-11-254-920-22 |
| 4 | 34 | 1.2 | 40 | 1 | US-11-241-990A-2 |
| 5 | 33 | 1.2 | 33 | 1 | US-11-402-998-24 |
| 6 | 31 | 1.1 | 33 | 1 | US-10-825-757-39 |
| 7 | 27 | 1.0 | 27 | 1 | US-11-350-304-3 |
| 8 | 27 | 1.0 | 27 | 1 | US-11-368-334-2 |
| 9 | 24 | 0.9 | 24 | 1 | US-11-301-360-911 |
| 10 | 24 | 0.9 | 24 | 1 | US-11-301-360-433 |
| 11 | 24 | 0.9 | 24 | 1 | US-11-301-360-961 |
| 12 | 24 | 0.9 | 24 | 1 | US-11-301-360-962 |
| 13 | 24 | 0.9 | 24 | 1 | US-11-331-589-7 |
| 14 | 23.2 | 0.8 | 25 | 1 | US-11-327-821-6 |
| 15 | 22 | 0.8 | 22 | 1 | US-11-201-339-6 |
| 16 | 22 | 0.8 | 22 | 1 | US-11-197-219-49 |
| 17 | 21.8 | 0.8 | 25 | 1 | US-11-214-436-5 |
| 18 | 21.2 | 0.8 | 25 | 1 | US-11-214-436-2 |
| 19 | 21 | 0.8 | 21 | 1 | US-11-301-360-912 |
| 20 | 21 | 0.8 | 24 | 1 | US-11-214-436-3 |
| 21 | 21 | 0.8 | 24 | 1 | US-11-214-436-4 |
| 22 | 20.2 | 0.7 | 22 | 1 | US-10-473-173-498 |
| 23 | 20.2 | 0.7 | 22 | 1 | US-10-547-771-11 |
| 24 | 20 | 0.7 | 20 | 1 | US-10-514-349-11 |
| 25 | 20 | 0.7 | 20 | 1 | US-10-545-604-3 |
| 26 | 20 | 0.7 | 20 | 1 | US-11-053-733A-2 |
| 27 | 20 | 0.7 | 20 | 1 | US-11-248-241-1 |
| 28 | 20 | 0.7 | 20 | 1 | US-11-248-241-2 |
| 29 | 20 | 0.7 | 20 | 1 | US-11-224-573-158 |
| 30 | 20 | 0.7 | 20 | 1 | US-11-224-573-163 |
| 31 | 20 | 0.7 | 20 | 1 | US-11-254-920-11 |
| 32 | 20 | 0.7 | 20 | 1 | US-11-254-920-14 |
| 33 | 20 | 0.7 | 20 | 1 | US-11-301-360-226 |
| 34 | 20 | 0.7 | 20 | 1 | US-11-301-360-556 |
| 35 | 20 | 0.7 | 20 | 1 | US-11-301-360-560 |
| 36 | 19.2 | 0.7 | 24 | 1 | US-11-301-360-60 |
| 37 | 19 | 0.7 | 19 | 1 | US-11-298-850-53 |
| 38 | 19 | 0.7 | 19 | 1 | US-11-298-850-54 |
| 39 | 19 | 0.7 | 19 | 1 | US-11-224-573-153 |
| 40 | 19 | 0.7 | 19 | 1 | US-11-217-936-3874 |
| 41 | 19 | 0.7 | 19 | 1 | US-11-217-936-3970 |
| 42 | 19 | 0.7 | 19 | 1 | US-11-217-936-4807 |
| 43 | 19 | 0.7 | 19 | 1 | US-11-217-936-4804 |
| 44 | 19 | 0.7 | 20 | 1 | US-11-043-442-219 |
| 45 | 18.8 | 0.7 | 22 | 1 | US-11-301-360-61 |
| 46 | 18.2 | 0.7 | 19 | 1 | US-11-241-596-259 |
| 47 | 18.2 | 0.7 | 19 | 1 | US-11-269-347A-29 |
| 48 | 18 | 0.7 | 18 | 1 | US-10-514-349-8 |
| 49 | 18 | 0.7 | 18 | 1 | US-11-161-693-7 |
| 50 | 18 | 0.7 | 18 | 1 | US-11-211-917-144 |
| 51 | 18 | 0.7 | 18 | 1 | US-11-301-360-913 |
| 52 | 18 | 0.7 | 18 | 1 | US-11-301-360-939 |
| 53 | 18 | 0.7 | 18 | 1 | US-11-102-097-111 |
| 54 | 18 | 0.7 | 19 | 1 | US-10-881-580-117 |
| 55 | 18 | 0.7 | 19 | 1 | US-10-881-580-245 |
| 56 | 17.4 | 0.6 | 19 | 1 | US-11-217-936-452 |
| 57 | 17.4 | 0.6 | 19 | 1 | US-11-217-936-562 |
| 58 | 17.4 | 0.6 | 20 | 1 | US-10-691-012-4 |
| 59 | 17 | 0.6 | 17 | 1 | US-10-514-349-7 |
| 60 | 17 | 0.6 | 17 | 1 | US-11-255-139A-6897 |
| 61 | 17 | 0.6 | 20 | 1 | US-11-241-990A-1 |
| 62 | 16.8 | 0.6 | 20 | 1 | US-10-525-116-831 |
| 63 | 16.8 | 0.6 | 20 | 1 | US-11-366-965-4512 |
| 64 | 16.8 | 0.6 | 21 | 1 | US-11-376-033-401 |
| 65 | 16.4 | 0.6 | 19 | 1 | US-10-424-339-163 |
| 66 | 16.4 | 0.6 | 19 | 1 | US-10-424-339-326 |
| 67 | 16.4 | 0.6 | 19 | 1 | US-11-360-305-747 |
| 68 | 16 | 0.6 | 16 | 1 | US-10-514-349-6 |
| 69 | 16 | 0.6 | 17 | 1 | US-11-255-139A-6896 |
| 70 | 16 | 0.6 | 17 | 1 | US-11-255-139A-6895 |
| 71 | 15.8 | 0.6 | 19 | 1 | US-11-217-936-4338 |
| 72 | 15.8 | 0.6 | 19 | 1 | US-11-217-936-4596 |
| 73 | 15.4 | 0.6 | 17 | 1 | US-11-255-139A-5521 |
| 74 | 15.4 | 0.6 | 17 | 1 | US-11-255-139A-5522 |
| 75 | 15.4 | 0.6 | 18 | 1 | US-11-370-584-4910 |
| 76 | 15.4 | 0.6 | 19 | 1 | US-10-881-580-121 |
| 77 | 15.4 | 0.6 | 19 | 1 | US-10-881-580-249 |
| 78 | 15.4 | 0.6 | 19 | 1 | US-11-360-305-746 |
| 79 | 15.4 | 0.6 | 19 | 1 | US-11-102-097-2518 |
| 80 | 15 | 0.5 | 15 | 1 | US-10-514-349-5 |
| 81 | 15 | 0.5 | 15 | 1 | US-10-250-492-13 |
| 82 | 15 | 0.5 | 15 | 1 | US-10-691-012-17 |
| 83 | 15 | 0.5 | 15 | 1 | US-10-691-012-18 |
| 84 | 15 | 0.5 | 15 | 1 | US-11-242-139-239 |
| 85 | 15 | 0.5 | 16 | 1 | US-11-327-199-2 |
| 86 | 15 | 0.5 | 17 | 1 | US-11-255-139A-5523 |
| 87 | 15 | 0.5 | 17 | 1 | US-11-255-139A-5524 |
| 88 | 14.8 | 0.5 | 18 | 1 | US-10-469-938A-12 |
| 89 | 14.8 | 0.5 | 18 | 1 | US-11-370-584-1031 |
| 90 | 14.4 | 0.5 | 17 | 1 | US-11-255-139A-5520 |
| 91 | 14 | 0.5 | 14 | 1 | US-10-514-349-4 |
| 92 | 14 | 0.5 | 14 | 1 | US-10-763-088-11 |
| 93 | 14 | 0.5 | 17 | 1 | US-11-255-139A-5525 |
| 94 | 14 | 0.5 | 17 | 1 | US-11-255-139A-4886 |
| 95 | 14 | 0.5 | 17 | 1 | US-11-255-139A-6895 |
| 96 | 13.8 | 0.5 | 17 | 1 | US-11-378-356-26 |
| 97 | 13.8 | 0.5 | 17 | 1 | US-11-255-139A-487 |
| 98 | 13.8 | 0.5 | 17 | 1 | US-11-255-139A-517 |
| 99 | 13.8 | 0.5 | 17 | 1 | US-11-255-139A-518 |
| 100 | 13.8 | 0.5 | 17 | 1 | US-11-255-139A-519 |
| 101 | 13.8 | 0.5 | 17 | 1 | US-11-255-139A-519 |
| 102 | 13.8 | 0.5 | 17 | 1 | US-11-255-139A-519 |
| 103 | 13.4 | 0.5 | 15 | 1 | US-11-368-233-3 |
| 104 | 13.4 | 0.5 | 15 | 1 | US-11-368-233-3 |
| 105 | 13.4 | 0.5 | 16 | 1 | US-11-327-199-3 |
| | | | | | Sequence 556, App |
| | | | | | Sequence 560, App |
| | | | | | Sequence 60, App |
| | | | | | Sequence 53, App |
| | | | | | Sequence 54, App |
| | | | | | Sequence 153, App |
| | | | | | Sequence 3874, App |
| | | | | | Sequence 3970, App |
| | | | | | Sequence 4807, App |
| | | | | | Sequence 4904, App |
| | | | | | Sequence 219, App |
| | | | | | Sequence 61, App |
| | | | | | Sequence 259, App |
| | | | | | Sequence 29, App |
| | | | | | Sequence 8, App |
| | | | | | Sequence 7, App |
| | | | | | Sequence 14, App |
| | | | | | Sequence 939, App |
| | | | | | Sequence 111, App |
| | | | | | Sequence 117, App |
| | | | | | Sequence 245, App |
| | | | | | Sequence 452, App |
| | | | | | Sequence 562, App |
| | | | | | Sequence 4, App |
| | | | | | Sequence 7, App |
| | | | | | Sequence 6997, App |
| | | | | | Sequence 1, App |
| | | | | | Sequence 811, App |
| | | | | | Sequence 4512, App |
| | | | | | Sequence 401, App |
| | | | | | Sequence 163, App |
| | | | | | Sequence 326, App |
| | | | | | Sequence 747, App |
| | | | | | Sequence 6, App |
| | | | | | Sequence 6333, App |
| | | | | | Sequence 6896, App |
| | | | | | Sequence 4338, App |
| | | | | | Sequence 4596, App |
| | | | | | Sequence 521, App |
| | | | | | Sequence 522, App |
| | | | | | Sequence 4910, App |
| | | | | | Sequence 121, App |
| | | | | | Sequence 249, App |
| | | | | | Sequence 746, App |
| | | | | | Sequence 2518, App |
| | | | | | Sequence 5, App |
| | | | | | Sequence 17, App |
| | | | | | Sequence 13, App |
| | | | | | Sequence 18, App |
| | | | | | Sequence 239, App |
| | | | | | Sequence 2, App |
| | | | | | Sequence 523, App |
| | | | | | Sequence 524, App |
| | | | | | Sequence 12, App |
| | | | | | Sequence 10231, App |
| | | | | | Sequence 520, App |
| | | | | | Sequence 4, App |
| | | | | | Sequence 525, App |
| | | | | | Sequence 4886, App |
| | | | | | Sequence 6895, App |
| | | | | | Sequence 26, App |
| | | | | | Sequence 487, App |
| | | | | | Sequence 517, App |
| | | | | | Sequence 518, App |
| | | | | | Sequence 519, App |
| | | | | | Sequence 5064, App |
| | | | | | Sequence 7019, App |
| | | | | | Sequence 3, App |
| | | | | | Sequence 1083, App |
| | | | | | Sequence 3, App |

ALIGNMENTS

```

RESULT 1
US-10-518-559-1/c
; Sequence 1, Application US/10518559
; Publication No. US20060147913A1
; GENERAL INFORMATION:
; APPLICANT: Canon Kabushiki Kaisha
; TITLE OF INVENTION: Method of Analyzing Substance on Substrate by Mass Spectrometry
; FILE REFERENCE: CPO173550
; CURRENT APPLICATION NUMBER: US/10/518,559
; PRIOR FILING DATE: 2004-12-21
; PRIOR APPLICATION NUMBER: JP 2002-191535
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version@3D1
; SEQ ID NO 1
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-10-518-559-1

```

```

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
DB      40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

```

```

RESULT 2
US-11-254-920-19
; Sequence 19, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 099266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: REP 2029 oligomer
; NAME/KEY: misc structure
; LOCATION: (1)...(40)
; OTHER INFORMATION: Phosphorothioate linkages
US-11-254-920-19

```

```

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
DB      1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

```

```

RESULT 3
US-11-254-920-22/c
; Sequence 22, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 099266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: REP 2030 oligomer
; NAME/KEY: misc structure
; LOCATION: (1)...(40)
; OTHER INFORMATION: Phosphorothioate linkages
US-11-254-920-22

```

```

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
DB      40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

```

```

RESULT 4
US-11-241-990A-2/c
; Sequence 2, Application US/11241990A
; Publication No. US20060177840A1
; GENERAL INFORMATION:
; APPLICANT: University of Ottawa
; APPLICANT: Northwestern University
; TITLE OF INVENTION: METHODS FOR SEPARATION OF POLYMERIC COMPOUNDS
; FILE REFERENCE: 58127-A
; CURRENT APPLICATION NUMBER: US/11/241,990A
; CURRENT FILING DATE: 2005-10-04
; PRIOR APPLICATION NUMBER: 60/615,600
; PRIOR FILING DATE: 2004-10-05
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: T40-dithiol, produced by chemical synthesis
; NAME/KEY: misc feature
; LOCATION: (20)...(20)
; OTHER INFORMATION: n = internal fluorescein-dt base
; NAME/KEY: misc feature
; LOCATION: (40)...(40)
; OTHER INFORMATION: n = t with 3'-thiol linker with 3-carbon spacer
US-11-241-990A-2

```

Query Match 1.2%; Score 34; DB 1; Length 40;
Best Local Similarity 97.1%; Pred. No. 3;
Matches 34; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
DB 39 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 5
US-11-402-998-24/C
Sequence 24, Application US/11402998
Publication No. US20060177820A1

GENERAL INFORMATION:
APPLICANT: TAKEDA, NAOKAZU
APPLICANT: NATORI, KATSURO
APPLICANT: MIYAMURA, TATSUO
APPLICANT: KAMATA, KUNIO
APPLICANT: SATO, TOSHINORI
TITLE OF INVENTION: Detection kit for SRSV
FILE REFERENCE: 217039USOXPC
CURRENT APPLICATION NUMBER: US/11/402,998
CURRENT FILING DATE: 2006-04-13
PRIOR APPLICATION NUMBER: US/09/926,799
PRIOR FILING DATE: 2001-12-20
PRIOR APPLICATION NUMBER: JP 11175928
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: JP 11-175928
PRIOR FILING DATE: 1999-06-22
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 33
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-11-402-998-24

Query Match 1.2%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2741
DB 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 6
US-10-825-757-39

Sequence 39, Application US/10825757
Publication No. US20060134609A1
GENERAL INFORMATION:
APPLICANT: Gen-Probe Incorporated
APPLICANT: Linmen, Jeffrey M.
APPLICANT: Kacian, Daniel L.
APPLICANT: Nelson, Norman K.
APPLICANT: Getman, Damon K.
TITLE OF INVENTION: Compositions and Methods for Determining the Presence of SARS
FILE REFERENCE: GPl46-04 UT
CURRENT APPLICATION NUMBER: US/10/825,757
CURRENT FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: 60/464,049
PRIOR FILING DATE: 2003-04-17
PRIOR APPLICATION NUMBER: 60/465,428
PRIOR FILING DATE: 2003-04-25
PRIOR APPLICATION NUMBER: 60/469,294
PRIOR FILING DATE: 2003-05-09
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn version 3.2

SEQ ID NO 39
LENGTH: 33
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Homopolymer tail with flexible linker for use with a capture
US-10-825-757-39

Query Match 1.1%; Score 31; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
DB 3 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 33

RESULT 7
US-11-350-304-3/C

Sequence 3, Application US/11350304
Publication No. US20060211018A1
GENERAL INFORMATION:
APPLICANT: SCHROEDER, BENJAMIN G.
APPLICANT: MATYSIAK, STEFAN M.
TITLE OF INVENTION: NUCLEOZYMES AND METHODS OF USE
FILE REFERENCE: 375461-006US
CURRENT APPLICATION NUMBER: US/11/350,304
CURRENT FILING DATE: 2006-02-08
PRIOR APPLICATION NUMBER: 60/651,158
PRIOR FILING DATE: 2005-02-08
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 3.3
SEQ ID NO 3
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
FEATURE:
NAME/KEY: modified base
LOCATION: (4)..(27)
OTHER INFORMATION: This region may encompass 20 to 24 bases
US-11-350-304-3

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
DB 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 8
US-11-301-360-911/C

Sequence 911, Application US/11301360
Publication No. US20060154890A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
FILE REFERENCE: C1037.70013US02
CURRENT APPLICATION NUMBER: US/11/301,360
CURRENT FILING DATE: 2005-12-09
PRIOR APPLICATION NUMBER: US 09/776,479
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093

```
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 911
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-911

Query Match          1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 9
US-11-368-334-2/c
/ Sequence 2, Application US/11368334
/ Publication No. US20060188913A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieger, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Vollmer, Jörg
/ APPLICANT: Bauer, Stefan
/ APPLICANT: Jurk, Marion
/ TITLE OF INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING
/ FILE REFERENCE: C01039.70065.US
/ CURRENT APPLICATION NUMBER: US/11/368.334
/ PRIOR FILING DATE: 2006-03-03
/ PRIOR APPLICATION NUMBER: US/10/272.502
/ PRIOR FILING DATE: 2002-10-15
/ PRIOR APPLICATION NUMBER: 60/329,208
/ PRIOR FILING DATE: 2001-10-12
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-11-368-334-2

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 10
US-11-301-360-433/c
/ Sequence 433, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
/ FILE REFERENCE: C1037.70013US02
/ CURRENT APPLICATION NUMBER: US/11/301.360
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
```

```
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 433
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-433

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 11
US-11-301-360-961/c
/ Sequence 961, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
/ FILE REFERENCE: C1037.70013US02
/ CURRENT APPLICATION NUMBER: US/11/301.360
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 961
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-961

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 12
US-11-301-360-962
/ Sequence 962, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
/ FILE REFERENCE: C1037.70013US02
/ CURRENT APPLICATION NUMBER: US/11/301.360
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
```

```
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-962
```

```
Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db      1 AAAAAAAAAAAAAAAAAAAAAA 24
```

```
RESULT 13
US-11-331-589-7/c
; Sequence 7, Application US/11331589
; Publication No. US20060166245A1
; GENERAL INFORMATION:
; APPLICANT: Potter, S. Steven
; APPLICANT: Liang, Hung-Chi
; APPLICANT: Children's Hospital Medical Center
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF
; TITLE OF INVENTION: MICRO-RNA SAMPLES
; FILE REFERENCE: CHM02 GN057
; CURRENT APPLICATION NUMBER: US/11/331,589
; PRIOR FILING DATE: 2006-01-13
; PRIOR APPLICATION NUMBER: 60/467,972
; PRIOR FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: PCT/US2004/022997
; PRIOR FILING DATE: 2004-07-16
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer Oligonucleotide
US-11-331-589-7
```

```
Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db      24 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 14
US-11-327-821-6/c
; Sequence 6, Application US/11327821
; Publication No. US20060218671A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Kimberly
; APPLICANT: Harris, Paul
; APPLICANT: Lopez de Leon, Alfredo
; APPLICANT: Melino, Sandra
; TITLE OF INVENTION: Polypeptides Having Cellulohydrolase Activity And
; TITLE OF INVENTION: Polynucleotides Encoding Same
; FILE REFERENCE: 10748.200-US
; CURRENT APPLICATION NUMBER: US/11/327,821
; PRIOR FILING DATE: 2006-01-06
; PRIOR APPLICATION NUMBER: 60/642,274
; PRIOR FILING DATE: 2005-01-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 6
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Aspergillus nidulans
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (24)-(24)
; OTHER INFORMATION: V=A, C, G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (25)-(25)
; OTHER INFORMATION: N=A, C, G, T
US-11-327-821-6
```

```
Query Match          0.8%; Score 23.2; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 18;
Matches 23; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      2708 TAAAAAAAAAAAAAAAAAAAAA 2731
Db      24 BAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 15
US-11-201-339-6/c
; Sequence 6, Application US/11201339
; Publication No. US20060188893A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Abartzua, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
; CURRENT APPLICATION NUMBER: US/11/201,339
; PRIOR FILING DATE: 2005-08-10
; PRIOR APPLICATION NUMBER: US/10/335,573
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
US-11-201-339-6
```

```
Query Match          0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db      22 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 16
US-11-197-219-49
; Sequence 49, Application US/11197219
; Publication No. US20060121450A1
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; APPLICANT: Avidiotics Corp.
; APPLICANT: Jeffrey, Miller F.
; APPLICANT: Doulatov, Sergei
; APPLICANT: Hodas, Asher
; APPLICANT: Xu, Min
; APPLICANT: Gingery, Mari
; APPLICANT: Martin, David
; TITLE OF INVENTION: Site Specific System For Generating Diversity Protein Sequences
; FILE REFERENCE: 02307K-149210US
; CURRENT APPLICATION NUMBER: US/11/197,219
; CURRENT FILING DATE: 2005-08-03
```

```

; PRIOR APPLICATION NUMBER: US 60/598,617
; PRIOR FILING DATE: 2004-08-03
; NUMBER OF SEQ ID NOS: 103
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Bordetella bacteriophage
US-11-197-219-49

Query Match          0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db      1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 17
US-11-214-436-5/C
; Sequence 5, Application US/11214436
; Publication No. US20060105362A1
; GENERAL INFORMATION:
;   Attorney File No. 65446-280
;   APPLICANT: Kane, Michael D.
;   APPLICANT: Nagel, Aaron C.
;   APPLICANT: Domkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE REFERENCE: 65446-87 (MRNAs) IN EUKARYOTIC ORGANISMS
; CURRENT FILING DATE: 2005-08-29
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
US-11-214-436-5

Query Match          0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 24;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db      25 AAACCAAAAAAAAAAAAAAAAAAAAA 1

RESULT 18
US-11-214-436-2/C
; Sequence 2, Application US/11214436
; Publication No. US20060105362A1
; GENERAL INFORMATION:
;   Attorney File No. 65446-280
;   APPLICANT: Kane, Michael D.
;   APPLICANT: Nagel, Aaron C.
;   APPLICANT: Domkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE REFERENCE: 65446-87 (MRNAs) IN EUKARYOTIC ORGANISMS
; CURRENT FILING DATE: 2005-08-29
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: This is a synthesized sequence.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (23)..(25)
; OTHER INFORMATION: n may be selected from a or c or g or t.
US-11-214-436-2

Query Match          0.8%; Score 21.2; DB 1; Length 25;
Best Local Similarity 95.5%; Pred. No. 27;
Matches 21; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2708 TAAAAAAAAAAAAAAAAAAAAA 2729
Db      22 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 19
US-11-301-360-912/C
; Sequence 912, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
;   APPLICANT: Bratzler, Robert L.
;   APPLICANT: Fouton, Yves
;   APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-912

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db      21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 20
US-11-214-436-3/C
; Sequence 3, Application US/11214436
; Publication No. US20060105362A1
; GENERAL INFORMATION:
;   Attorney File No. 65446-280
;   APPLICANT: Kane, Michael D.
;   APPLICANT: Nagel, Aaron C.
;   APPLICANT: Domkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE REFERENCE: 65446-87 (MRNAs) IN EUKARYOTIC ORGANISMS
; CURRENT FILING DATE: 2005-08-29
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```


Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 25

US-10-545-604-3
; Sequence 3, Application US/10545604
; Publication No. US2006021135A1
; GENERAL INFORMATION:
; APPLICANT: YAMASHITA, Kenichi
; APPLICANT: MAEDA, Hideaki
; APPLICANT: SHIMIZU, Hajime
; APPLICANT: MIYAZAKI, Masaya
; APPLICANT: NAKAMURA, Hiroyuki
; APPLICANT: YAMAGUCHI, Yoshiko
; TITLE OF INVENTION: METHOD AND APPARATUS FOR SEPARATING MOLECULES USING MICRO-CHANNEL
; FILE REFERENCE: 2005-1277A/MJ/00774
; CURRENT APPLICATION NUMBER: US/10/545,604
; PRIOR FILING DATE: 2005-08-16
; PRIOR APPLICATION NUMBER: PCT/JP04/01814
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-545-604-3

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 26

US-11-053-733A-2/c
; Sequence 2, Application US/11053733A
; Publication No. US20060178509A1
; GENERAL INFORMATION:
; APPLICANT: Kalakota, Reddy S
; TITLE OF INVENTION: Phosphoramidite Activator for Oligonucleotide Synthesis
; FILE REFERENCE: H0008499-4734
; CURRENT APPLICATION NUMBER: US/11/053,733A
; CURRENT FILING DATE: 2005-02-08
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: RNA 20-mer
US-11-053-733A-2

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 27

US-11-248-241-1
; Sequence 1, Application US/11248241
; Publication No. US20060105366A1
; GENERAL INFORMATION:
; APPLICANT: Shinichi HIROSHIMA
; APPLICANT: Hiroshi TAKIGUCHI

; APPLICANT: Hiroshi FUKUSHIMA
; APPLICANT: Shinobu YOKOKAWA
; TITLE OF INVENTION: Specific Base Sequence Detection Method and Primer
; TITLE OF INVENTION: Extension Reaction Detection Method
; FILE REFERENCE: 125119
; CURRENT APPLICATION NUMBER: US/11/248,241
; CURRENT FILING DATE: 2005-10-13
; PRIOR APPLICATION NUMBER: JP 2004-331367
; PRIOR FILING DATE: 2004-11-16
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: a probe immobilized on an electrode
US-11-248-241-1

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 28

US-11-248-241-2/c
; Sequence 2, Application US/11248241
; Publication No. US20060105366A1
; GENERAL INFORMATION:
; APPLICANT: Shinichi HIROSHIMA
; APPLICANT: Hiroshi TAKIGUCHI
; APPLICANT: Hiroshi FUKUSHIMA
; APPLICANT: Shinobu YOKOKAWA
; TITLE OF INVENTION: Specific Base Sequence Detection Method and Primer
; TITLE OF INVENTION: Extension Reaction Detection Method
; FILE REFERENCE: 125119
; CURRENT APPLICATION NUMBER: US/11/248,241
; CURRENT FILING DATE: 2005-10-13
; PRIOR APPLICATION NUMBER: JP 2004-331367
; PRIOR FILING DATE: 2004-11-16
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: a probe immobilized on an electrode
US-11-248-241-2

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 29

US-11-224-573-158
; Sequence 158, Application US/11224573
; Publication No. US20060134660A1
; GENERAL INFORMATION:
; APPLICANT: Quinlan, et al.
; TITLE OF INVENTION: Alien Sequences
; FILE REFERENCE: 2003320-0046
; CURRENT APPLICATION NUMBER: US/11/224,573
; CURRENT FILING DATE: 2005-09-12


```
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Anti-alien in spike control concept. Sequences of alien genes
; OTHER INFORMATION: designed by linking four 70mer alien sequences together.
US-11-224-573-158
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 30
US-11-224-573-163
; Sequence 163, Application US/11224573
; Publication No. US20060134660A1
; GENERAL INFORMATION:
; APPLICANT: Quinlan, et al.
; TITLE OF INVENTION: Alien Sequences
; FILE REFERENCE: 2003320-0046
; CURRENT APPLICATION NUMBER: US/11/224,573
; CURRENT FILING DATE: 2005-09-12
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Anti-alien in spike control concept. Sequences of alien genes
; OTHER INFORMATION: designed by linking four 70mer alien sequences together.
US-11-224-573-163
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 31
US-11-254-920-11
; Sequence 11, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIYIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 0999266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A20 oligomer
```

```
; FEATURE:
; NAME/KEY: misc structure
; LOCATION: (1)-(20)
; OTHER INFORMATION: Phosphorothioate linkages
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)...(0)
; OTHER INFORMATION: FITC label
US-11-254-920-11
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 32
US-11-254-920-14/C
; Sequence 14, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIYIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 0999266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: T20 oligomer
; NAME/KEY: misc structure
; LOCATION: (1)...(20)
; OTHER INFORMATION: Phosphorothioate linkages
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)...(0)
; OTHER INFORMATION: FITC label
US-11-254-920-14
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 33
US-11-301-360-226/C
; Sequence 226, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.7001US02
; CURRENT APPLICATION NUMBER: US/11/301,360
```

```
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 226
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-226

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||
      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 34
US-11-301-360-556/c
/ Sequence 556, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ FILE REFERENCE: C1037.70013US02
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-556

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||
      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 35
US-11-301-360-560
/ Sequence 560, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ FILE REFERENCE: C1037.70013US02
/ CURRENT FILING DATE: 2005-12-09
```

```
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-560

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||
      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 36
US-11-301-360-60/c
/ Sequence 60, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ FILE REFERENCE: C1037.70013US02
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 60
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-60

Query Match      0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 39;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
      |||
      24 AAAAAAAAAAAACAAACAA 1

RESULT 37
US-11-298-850-53
/ Sequence 53, Application US/11298850
/ Publication No. US2006021730A1
/ GENERAL INFORMATION:
/ APPLICANT: Hartmann, Gunther
/ APPLICANT: de Fougereolles, Antonin
/ APPLICANT: Hornung, Veit
/ APPLICANT: Endres, Stefan
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INDUCING AN
/ TITLE OF INVENTION: IMMUNE RESPONSE IN A MAMMAL AND METHODS OF AVOIDING AN
/ TITLE OF INVENTION: IMMUNE RESPONSE TO OLIGONUCLEOTIDE AGENTS SUCH AS SHORT
/ FILE REFERENCE: 14174-100001
```

```

; CURRENT APPLICATION NUMBER: US/11/298,850
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 60/634,849
; PRIOR FILING DATE: 2004-12-09
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-11-298-850-53

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAA 19

RESULT 38
US-11-298-850-54/c
; Sequence 54, Application US/11298850
; Publication No. US20060217330A1
; GENERAL INFORMATION:
; APPLICANT: Hartmann, Gunther
; APPLICANT: de Fougerolles, Antonin
; APPLICANT: Endres, Stefan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INDUCING AN
; TITLE OF INVENTION: IMMUNE RESPONSE IN A MAMMAL AND METHODS OF AVOIDING AN
; TITLE OF INVENTION: IMMUNE RESPONSE TO OLIGONUCLEOTIDE AGENTS SUCH AS SHORT
; FILE REFERENCE: 14174-100001
; CURRENT APPLICATION NUMBER: US/11/298,850
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 60/634,849
; PRIOR FILING DATE: 2004-12-09
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-11-298-850-54

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 39
US-11-224-573-153
; Sequence 153, Application US/11224573
; Publication No. US2006013460A1
; GENERAL INFORMATION:
; APPLICANT: Quintan, et al.
; TITLE OF INVENTION: Alien Sequences
; FILE REFERENCE: 2003320-0046
; CURRENT APPLICATION NUMBER: US/11/224,573
; CURRENT FILING DATE: 2005-09-12
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 153
```

```

; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Anti-alien in spike control concept. Sequences of alien genes
; OTHER INFORMATION: designed by linking four 70mer alien sequences together.
US-11-224-573-153

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAA 19

RESULT 40
US-11-217-936-3874
; Sequence 3874, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 3874
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-3874

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 31;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAA 2726
Db 1 TAAAAAAAAAAAAAAAAA 19

RESULT 41
US-11-217-936-3970/c
; Sequence 3970, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 3970
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-3970
```

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2726
Db 19 TAAAAAAAAAAAAAAAAA 1

RESULT 42

US-11-217-936-4807
; Sequence 4807, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sitna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4807
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-4807

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAA 19

RESULT 43
US-11-217-936-4904/C
; Sequence 4904, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sitna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4904
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-4904

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
|||||

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 44
US-11-043-842-219
; Sequence 219, Application US/11043842
; Publication No. US20060183131A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHODS
; TITLE OF INVENTION: THEREOF FOR DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 1847.1004
; CURRENT APPLICATION NUMBER: US/11/043,842
; CURRENT FILING DATE: 2005-01-27
; NUMBER OF SEQ ID NOS: 1028
; SEQ ID NO 219
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-043-842-219

Query Match 0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2726
Db 2 TAAAAAAAAAAAAAAAAA 20

RESULT 45
US-11-301-360-61/C
; Sequence 61, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-61

Query Match 0.7%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 38;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2730
Db 22 AAAAAACAAAAAACAACAAAAA 1

RESULT 46
US-11-241-596-259/C
; Sequence 259, Application US/11241596
; Publication No. US20060134786A1
; GENERAL INFORMATION:

```
; APPLICANT: Feldmann, Kenneth A.
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL
; FILE REFERENCE: 2750-2191PUS2
; CURRENT APPLICATION NUMBER: US/11/241,596
; PRIOR FILING DATE: 2005-09-30
; PRIOR APPLICATION NUMBER: 60/615,081
; NUMBER OF SEQ ID NOS: 259
; SEQ ID NO 259
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligo(dtv)18 primer
US-11-241-596-259

Query Match      0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 37;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAA 2726
Db      19 BAAAAAAAAAAAAAAAAA 1

RESULT 47
US-11-269-347A-29/c
; Sequence 29, Application US/11269347A
; Publication No. US20060142233A1
; GENERAL INFORMATION:
; APPLICANT: Li, Ting-Kai
; APPLICANT: Carr, Lucinda G.
; APPLICANT: Ellison, Julie A.
; APPLICANT: Chang, Hwai Wen
; APPLICANT: Lo, David D.
; TITLE OF INVENTION: Gene Expression and Genetic Changes Implicated in Alcoholism
; FILE REFERENCE: NEU-109.P.1.1
; CURRENT APPLICATION NUMBER: US/11/269,347A
; CURRENT FILING DATE: 2005-11-08
; PRIOR APPLICATION NUMBER: 60/626,362
; PRIOR FILING DATE: 2004-11-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-11-269-347A-29

Query Match      0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 37;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAA 2726
Db      19 BAAAAAAAAAAAAAAAAA 1

RESULT 48
US-10-514-349-8/c
; Sequence 8, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: ORT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
```

```
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-8

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2726
Db      18 AAAAAAAAAAAAAAAAAA 1

RESULT 49
US-11-181-693-7/c
; Sequence 7, Application US/1181693
; Publication No. US20060199176A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Yean-Ching
; APPLICANT: Lai, Szu-Chia
; APPLICANT: Yeh, Chia-Tsui
; APPLICANT: Chong, Pele Choi Sing
; APPLICANT: Liu, Shih-Jen
; TITLE OF INVENTION: CORONAVIRUS S PEPTIDES
; FILE REFERENCE: 12563-033001
; CURRENT APPLICATION NUMBER: US/11/181,693
; CURRENT FILING DATE: 2005-07-14
; PRIOR APPLICATION NUMBER: US 60/588,087
; PRIOR FILING DATE: 2004-07-15
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-11-181-693-7

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2726
Db      18 AAAAAAAAAAAAAAAAAA 1

RESULT 50
US-11-211-917-144/c
; Sequence 144, Application US/11211917
; Publication No. US20060093600A1
; GENERAL INFORMATION:
; APPLICANT: BEDIAN, VAHE
; APPLICANT: GLADUE, RONALD P.
; APPLICANT: CORVALAN, JOSE
; APPLICANT: JIA, XIAO-CHI
; APPLICANT: FENG, XIAO
; TITLE OF INVENTION: ANTIBODIES TO CD40
; FILE REFERENCE: ABX-PP/3 US
; CURRENT APPLICATION NUMBER: US/11/211,917
; CURRENT FILING DATE: 2005-08-25
; PRIOR APPLICATION NUMBER: US/10/292,088
; PRIOR FILING DATE: 2002-11-08
```

```
; PRIOR APPLICATION NUMBER: 60/348,980
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 147
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-11-211-917-144
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 51
US-11-301-360-913/c
; Sequence 913, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.70013US02
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US/11/301,360
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-913
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 52
US-11-301-360-939/c
; Sequence 939, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouon, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.70013US02
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US/11/301,360
; PRIOR FILING DATE: 2001-02-02
```

```
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-939
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 53
US-11-102-097-111/c
; Sequence 111, Application US/1102097
; Publication No. US20060160759A1
; GENERAL INFORMATION:
; APPLICANT: Chen, et al.
; TITLE OF INVENTION: Influenza Therapeutic
; FILE REFERENCE: 0492611-0621
; CURRENT FILING DATE: 2005-04-08
; NUMBER OF SEQ ID NOS: 2926
; SOFTWARE: PatentIn Version 3.2
; SEQ ID NO 111
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: mRNA
US-11-102-097-111
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 54
US-10-881-580-117/c
; Sequence 117, Application US/10881580
; Publication No. US20060142225A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-
; FILE REFERENCE: 400/194 (MBH804-525)
; CURRENT FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: US/10/881,580
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: PCT/US03/03662
; PRIOR FILING DATE: 2003-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
```

```
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: US 10/427,160
;; PRIOR FILING DATE: 2003-04-30
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 382
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 117
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-10-881-580-117
```

```
Query Match          0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
Db      19 AAAAAAAAAAAAAAAAAA 2
```

```
RESULT 55
US-10-881-580-245
; Sequence 245, Application US/10881580
; Publication No. US20060142225A1
```

```
;; GENERAL INFORMATION:
;; APPLICANT: Sirna Therapeutics, Inc.
;; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-2
;; TITLE OF INVENTION: (CDK2) Gene Expression Using Short Interfering Nucleic Acid
;; FILE REFERENCE: 400/194 (MEH04-525)
;; CURRENT APPLICATION NUMBER: US/10/881,580
;; CURRENT FILING DATE: 2004-06-30
;; PRIOR APPLICATION NUMBER: PCT/US03/03662
;; PRIOR FILING DATE: 2003-02-06
;; PRIOR APPLICATION NUMBER: PCT/US04/16390
;; PRIOR FILING DATE: 2003-05-24
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: US 10/427,160
;; PRIOR FILING DATE: 2003-04-30
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 382
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 245
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-10-881-580-245
```

```
Query Match          0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
Db      1 AAAAAAAAAAAAAAAAAA 18
```

```
RESULT 56
US-11-217-936-452
; Sequence 452, Application US/11217936
; Publication No. US20060148743A1
```

```
;; GENERAL INFORMATION:
;; APPLICANT: Jadhav, Vasant
;; APPLICANT: Carroll, Joseph
;; APPLICANT: Sirna Therapeutics, Inc.
;; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
;; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
;; TITLE OF INVENTION: (siNA)
;; FILE REFERENCE: 05-727 (400/271)
;; CURRENT APPLICATION NUMBER: US/11/217,936
;; CURRENT FILING DATE: 2005-09-01
;; NUMBER OF SEQ ID NOS: 5036
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 452
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-11-217-936-452
```

```
Query Match          0.6%; Score 17.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 43;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2707 CTAATAAAAAAAAAAAAAA 2725
Db      1 CUGAAAAAAAAAAAAAAAAA 19
```

```
RESULT 57
US-11-217-936-562/C
; Sequence 562, Application US/11217936
; Publication No. US20060148743A1
```

```
;; GENERAL INFORMATION:
;; APPLICANT: Jadhav, Vasant
;; APPLICANT: Carroll, Joseph
;; APPLICANT: Sirna Therapeutics, Inc.
;; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
;; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
;; TITLE OF INVENTION: (siNA)
;; FILE REFERENCE: 05-727 (400/271)
;; CURRENT APPLICATION NUMBER: US/11/217,936
;; CURRENT FILING DATE: 2005-09-01
;; NUMBER OF SEQ ID NOS: 5036
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 562
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-11-217-936-562
```

```
Query Match          0.6%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 43;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2707 CTAATAAAAAAAAAAAAAA 2725
Db      1 CUGAAAAAAAAAAAAAAAAA 19
```

Db 19 CTGAAAAAAAAAAAAA 1

RESULT 58
US-10-691-012-4
; Sequence 4, Application US/10691012
; Publication No. US20060160731A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Bigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/691,012
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-10-691-012-4

Query Match 0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 46;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAA 19

RESULT 59
US-10-514-349-7/C
; Sequence 7, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: CRT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-7

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 60
US-11-255-139A-6897/C

; Sequence 6897, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6897
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-6897

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2535 GGCTTGTCCTCAGCCA 2551
Db 17 GGCTTGTCCTCAGCCA 1

RESULT 61
US-11-241-990A-1/C
; Sequence 1, Application US/11241990A
; Publication No. US20060177840A1
; GENERAL INFORMATION:
; APPLICANT: University of Ottawa
; APPLICANT: Northwestern University
; TITLE OF INVENTION: METHODS FOR SEPARATION OF POLYMERIC COMPOUNDS
; FILE REFERENCE: 58127-A
; CURRENT APPLICATION NUMBER: US/11/241,990A
; CURRENT FILING DATE: 2005-10-04
; PRIOR APPLICATION NUMBER: 60/615,600
; PRIOR FILING DATE: 2004-10-05
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE: 1720-dithiol, produced by chemical synthesis
; OTHER INFORMATION: n = t with 5'-thiol linker with 6-carbon spacer
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n = internal fluorescein-dT base
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: n = t with 3'-thiol linker with 3 carbon spacer
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: n = t with 3'-thiol linker with 3 carbon spacer
US-11-241-990A-1

Query Match 0.6%; Score 17; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 19 AAAAAAAAAAAAAAAAAA 2

RESULT 62
US-10-525-116-831


```
; Sequence 831, Application US/10525116
; Publication No. US20060122133a1
; GENERAL INFORMATION:
; APPLICANT: Weinstein, Edward J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF CO-REGULATED CHEMOKINE-1 EXPRESSION
; FILE REFERENCE: 01055/1/US
; CURRENT APPLICATION NUMBER: US/10/525,116
; PRIOR FILING DATE: 2005-02-18
; PRIOR APPLICATION NUMBER: PCT US2003/025891
; PRIOR FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: 60/404,484
; PRIOR FILING DATE: 2002-08-19
; NUMBER OF SEQ ID NOS: 1107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 831
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human VCC-1 antisense
US-10-525-116-831
```

```
Query Match 0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 52;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Oy 944 GTGAATTATAAATATTTA 963

Db 1 GTGACATTATAAATATTTA 20

```
RESULT 63
US-11-366-965-4512/C
; Sequence 4512, Application US/11366965
; Publication No. US20060234260a1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Remy
; APPLICANT: Holseeth, Susan K.
; APPLICANT: Zagursky, Robert John
; APPLICANT: Metcalf, Benjamin J.
; APPLICANT: Peek, Joel A.
; APPLICANT: Sankaran, Banumathi
; APPLICANT: Fletcher, Leah Diane
; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS POLYNUCLEOTIDES AND VECTORS, RECOMBINANT HC
; FILE REFERENCE: GEN-1109X
; CURRENT APPLICATION NUMBER: US/11/366,965
; PRIOR FILING DATE: 2006-03-02
; PRIOR APPLICATION NUMBER: US/09/201,228
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/107,077
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: FR 97-16034
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: FR 97-15041
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 5982
; SOFTWARE: PasteSeq for Windows Version 4.0
; SEQ ID NO 4512
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-11-366-965-4512
```

```
Query Match 0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 52;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Oy 2046 CTATGTTGAGACCTTGC 2065

Db 20 CTGTTGTTGAGACCTTGC 1

```
RESULT 64
US-11-376-033-401/C
; Sequence 401, Application US/11376033
; Publication No. US20060217339a1
; GENERAL INFORMATION:
; APPLICANT: Karraas, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: X-17294
; CURRENT APPLICATION NUMBER: US/11/376,033
; PRIOR FILING DATE: 2006-03-15
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 401
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-11-376-033-401
```

```
Query Match 0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 55;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Oy 2438 AAGAGCAGAGCTGCTGGA 2457

Db 21 AAGAGCAGCAGATGCTGGA 2

```
RESULT 65
US-10-424-339-163
; Sequence 163, Application US/10424339
; Publication No. US20060127891a1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Belgelman, Leonard
; APPLICANT: Usman, Nassim
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; APPLICANT: Polisky, Barry
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of MAP Kinase Gene
; TITLE OF INVENTION: Expression or Expression of Genes Involved in MAP Kinase Pathwa
; FILE REFERENCE: 400/113 (MBHB03-388)
; CURRENT APPLICATION NUMBER: US/10/424,339
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: PCT/US 03/02510
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: PCT/US 03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US 03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 1714
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163
```

```
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-424-339-163

Query Match          0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 53;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      2708 TAAAAAAAAAAAAAAAAA 2725
       : |||||
Db      2 UCAAAAAAAAAAAAAA 19

RESULT 66
US-10-424-339-326/c
; Sequence 326, Application US/10424339
; Publication No. US20060127891A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Naasim
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrita, Bharat
; APPLICANT: Polisky, Barry
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of MAP Kinase Gene
; TITLE OF INVENTION: Expression or Expression of Genes Involved in MAP Kinase Pathway
; TITLE OF INVENTION: Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/113 (MBHB03-388)
; CURRENT FILING DATE: US/10/424,339
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: PCT/US 03/02510
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: PCT/US 03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US 03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 1714
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 326
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-424-339-326

Query Match          0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 53;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2708 TAAAAAAAAAAAAAAAAA 2725
       : |||||
Db      18 TCAAAAAAAAAAAAAA 1
```

```
RESULT 67
US-11-360-305-747/c
; Sequence 747, Application US/11360305
; Publication No. US20060234970A1
; GENERAL INFORMATION:
; APPLICANT: JIMENEZ, ANA I.
; APPLICANT: SESTO, ANGELA
; APPLICANT: GASCON, IRENE
; APPLICANT: ROMAN, JOSE P.
; APPLICANT: GONZALEZ DE BUTRAGO, GONZALO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT OF EYE
; TITLE OF INVENTION: DISORDERS WITH INCREASED INTRACULAR PRESSURE
; FILE REFERENCE: 4853-4001
; CURRENT APPLICATION NUMBER: US/11/360,305
; CURRENT FILING DATE: 2006-02-22
; PRIOR APPLICATION NUMBER: PCT/GB05/050134
; PRIOR FILING DATE: 2005-08-23
; PRIOR APPLICATION NUMBER: GB 0503412.9
; PRIOR FILING DATE: 2005-02-18
; PRIOR APPLICATION NUMBER: GB 0418762.1
; PRIOR FILING DATE: 2004-08-23
; NUMBER OF SEQ ID NOS: 1862
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 747
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-360-305-747

Query Match          0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 53;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2210 GCGCTCTTGTTGGATGAG 2227
       : |||||
Db      19 GCGCTCTTGTTGGATGAG 2

RESULT 68
US-10-514-349-6/c
; Sequence 6, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: ORT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-6

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2724
       : |||||
Db      16 AAAAAAAAAAAAAAAAAA 1

RESULT 69
```


OY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAGAA 1

RESULT 74
US-11-255-139A-522/c
; Sequence 522, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 522
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-522

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2708 TAAAAAAAAAAAAAAAAA 2724
DB 17 TAAAAAAAAAAAAAGAA 1

RESULT 75
US-11-370-584-4910/c
; Sequence 4910, Application US/11370584
; Publication No. US2006017863A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high
; TITLE OF INVENTION: density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/11/370,584
; CURRENT FILING DATE: 2006-03-08
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4910
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; APPLICANT: McSwigen, James
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18612 for SEQ 976,
US-11-370-584-4910

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 61;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 701 GCAGAGGAGACACAGA 717
DB 18 GGAGAGGAGACACAGA 2

RESULT 76
US-10-881-580-121
; Sequence 121, Application US/10881580
; Publication No. US20060142225A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-2
; TITLE OF INVENTION: (CDK2) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/194 (MBHB04-525)
; CURRENT APPLICATION NUMBER: US/10/881,580
; CURRENT FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: PCT/US03/03662
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2003-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 382
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 121
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-881-580-121

Query Match 0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 65;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 2704 GTACTAAAAAAAAAAAAA 2720
DB 1 GUGCUAAAAAAAAAAAAA 17

RESULT 77
US-10-881-580-249/c
; Sequence 249, Application US/10881580
; Publication No. US20060142225A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-2
; TITLE OF INVENTION: (CDK2) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/194 (MBHB04-525)
; CURRENT APPLICATION NUMBER: US/10/881,580
; CURRENT FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: PCT/US03/03662
; PRIOR FILING DATE: 2003-02-06

```
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2003-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 382
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 249
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-881-580-249
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2704 GTACTAAAAA 2720
Db      19 GTGCTAAAAA 3
```

```
RESULT 78
US-11-360-305-746/c
; Sequence 746, Application US/11360305
; Publication No. US2006023970A1
; GENERAL INFORMATION:
; APPLICANT: JIMENEZ, ANA I.
; APPLICANT: GASCON, IRENE
; APPLICANT: ROMAN, JOSE P.
; APPLICANT: GONZALEZ DE BUITRAGO, GONZALO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT OF EYE
; FILE REFERENCE: 4853-4001
; CURRENT APPLICATION NUMBER: US/11/360,305
; PRIOR FILING DATE: 2006-02-22
; PRIOR APPLICATION NUMBER: PCT/GB05/050134
; PRIOR FILING DATE: 2005-08-23
; PRIOR APPLICATION NUMBER: GB 0503412.9
; PRIOR FILING DATE: 2005-02-18
; PRIOR APPLICATION NUMBER: GB 0418762.1
; PRIOR FILING DATE: 2004-08-23
; NUMBER OF SEQ ID NOS: 1862
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 746
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-360-305-746
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      2215 CTTGGTGCATGAGTTT 2231
          |||||
```

```
Db      19 CTTGGTGCATGAGTTT 3
RESULT 79
US-11-102-097-2518/c
; Sequence 2518, Application US/11102097
; Publication No. US20060160759A1
; GENERAL INFORMATION:
; APPLICANT: Chen, et al.
; TITLE OF INVENTION: Influenza Therapeutic
; FILE REFERENCE: 0492611-0621
; CURRENT APPLICATION NUMBER: US/11/102,097
; PRIOR FILING DATE: 2005-04-08
; NUMBER OF SEQ ID NOS: 2926
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2518
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequences of functional target portions for RNAi to inhibit
US-11-102-097-2518
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1673 TTTGATGATCAGGTTT 1689
Db      17 TTGATATATCAGGTTT 1
```

```
RESULT 80
US-10-514-349-5/c
; Sequence 5, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: ORT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; PRIOR FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-5
```

```
Query Match      0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAA 2723
Db      15 AAAAAAAAAA 1
```

```
RESULT 81
US-10-250-492-13/c
; Sequence 13, Application US/10250492
; Publication No. US20060149046A1
; GENERAL INFORMATION:
; APPLICANT: Prologo, LLC
; APPLICANT: ARAR, Khalil
US-10-250-492-13
```

```
; TITLE OF INVENTION: Methods and compositions for the serial synthesis of two or more
; FILE REFERENCE: PRO.10
; CURRENT APPLICATION NUMBER: US/10/250,492
; CURRENT FILING DATE: 2003-07-01
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Ligand
; NAME/KEY: misc_feature
; LOCATION: (1)..(15)
US-10-250-492-13

Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2723
DB      15 AAAAAAAAAAAAAA 1

RESULT 82
US-10-691-012-17/c
; Sequence 17, Application US/10691012
; Publication No. US20060160731A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/691,012
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-10-691-012-17

Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2723
DB      15 AAAAAAAAAAAAAA 1

RESULT 83
US-10-691-012-18
; Sequence 18, Application US/10691012
; Publication No. US20060160731A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/691,012
```

```
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-10-691-012-18

Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2723
DB      1 AAAAAAAAAAAAAA 15

RESULT 84
US-11-242-139-239
; Sequence 239, Application US/11242139
; Publication No. US20060099619A1
; GENERAL INFORMATION:
; APPLICANT: REMACLE, JOSE
; APPLICANT: DU LONGUEVILLE, FRANCOISE
; APPLICANT: HAMELS, SANDRIE
; TITLE OF INVENTION: DETECTION AND QUANTIFICATION OF MIRNA ON MICRO-ARRAYS
; FILE REFERENCE: 035642-0107
; CURRENT APPLICATION NUMBER: US/11/242,139
; CURRENT FILING DATE: 2005-10-04
; PRIOR APPLICATION NUMBER: 10/637,656
; PRIOR FILING DATE: 2003-08-11
; NUMBER OF SEQ ID NOS: 239
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 239
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-11-242-139-239

Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2723
DB      1 AAAAAAAAAAAAAA 15

RESULT 85
US-11-327-199-2
; Sequence 2, Application US/11327199
; Publication No. US20060228725A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; APPLICANT: Biodesy LLC
; TITLE OF INVENTION: Method Using a Nonlinear Optical Technique for
; TITLE OF INVENTION: Detection of Interactions Involving a Conformational
; TITLE OF INVENTION: Change
; FILE REFERENCE: 026053-001931US
; CURRENT APPLICATION NUMBER: US/11/327,199
; CURRENT FILING DATE: 2006-01-05
; PRIOR APPLICATION NUMBER: US 60/351,879
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/354,668
; PRIOR FILING DATE: 2002-02-06
```

```
; PRIOR APPLICATION NUMBER: US 60/354,679
; PRIOR FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: US 60/362,003
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 10/164,915
; PRIOR FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-11-327-199-2

Query Match          0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 2 AAAAAAAAAAAAAA 16

RESULT 86
US-11-255-139A-523/c
; Sequence 523, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-523

Query Match          0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAA 2722
DB 16 TAAAAAAAAAAAAA 2

RESULT 87
US-11-255-139A-524/c
; Sequence 524, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-11-255-139A-524

Query Match          0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAA 2722
DB 15 TAAAAAAAAAAAAA 1

RESULT 88
US-10-469-938A-12
; Sequence 12, Application US/10469938A
; Publication No. US20060105329A1
; GENERAL INFORMATION:
; APPLICANT: Ajinomoto Co., Inc.
; TITLE OF INVENTION: Gene Panel for Genes Involving Liver Regeneration
; FILE REFERENCE: B868AYOP1331
; CURRENT APPLICATION NUMBER: US/10/469,938A
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: JP 2001-070940
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-469-938A-12

Query Match          0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 69;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2363 AAGGTCGCTGGGCAAG 2380
DB 1 ATGGTAGCTGCTGGGCAAG 18

RESULT 89
US-11-370-584-10231/c
; Sequence 10231, Application US/11370584
; Publication No. US20060177863A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high
; TITLE OF INVENTION: density...
; FILE REFERENCE: GENSET .020CP1
; CURRENT APPLICATION NUMBER: US/11/370,584
; CURRENT FILING DATE: 2006-03-08
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10231
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
```

```

; OTHER INFORMATION: downstream amplification primer 99-10632 for SEQ 2366,
; OTHER INFORMATION: in complement
US-11-370-584-10231

```

```

Query Match          0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 69;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      1024 GGGGCGACGAGGACAAA 1041
          |||||
Db      18 GGGGCAATAGGACAAA 1

```

```

RESULT 90.
US-11-255-139A-520/c
; Sequence 520, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEBB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-520

```

```

Query Match          0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 70;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      2709 AAAAAAAAAAAAAA 2724
          |||||
Db      17 AAAAAAAAAAAAAA 2

```

```

RESULT 91
US-10-514-349-4/c
; Sequence 4, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: ORT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-4

```

```

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2709 AAAAAAAAAAAAAA 2722
          |||||

```

```

Db      14 AAAAAAAAAAAAAA 1

```

```

RESULT 92
US-10-763-088-11
; Sequence 11, Application US/10763088
; Publication No. US20060172308A1
; GENERAL INFORMATION:
; APPLICANT: STAVRIANPOULOS, JANNIS G.
; APPLICANT: RABANTI, ELAZAR
; TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
; TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC
; TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
; FILE REFERENCE: ENZ-61
; CURRENT APPLICATION NUMBER: US/10/763,088
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: US/10/096,075
; PRIOR FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-763-088-11

```

```

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2709 AAAAAAAAAAAAAA 2722
          |||||
Db      1 AAAAAAAAAAAAAA 14

```

```

RESULT 93
US-11-255-139A-525/c
; Sequence 525, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEBB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-525

```

```

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2708 TAAAAAAAAAAAAA 2721
          |||||
Db      14 TAAAAAAAAAAAAA 1

```

```

RESULT 94
US-11-255-139A-4886/c
; Sequence 4886, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James

```



```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4886
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-4886

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2535 GGCCCTGTCTCAG 2548
Db      14 GGCCCTGTCTCAG 1

RESULT 95
US-11-255-139A-6895/c
; Sequence 6895, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6895
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-6895

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2538 CTTGTCTCAGCCA 2551
Db      17 CTTGTCTCAGCCA 4

RESULT 96
US-11-378-356-26/c
; Sequence 26, Application US/11378356
; Publication No. US20060205000A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PHARMA SA
; APPLICANT: BLANCHET, Francis
; APPLICANT: CAMERON, Beatrice
; TITLE OF INVENTION: PROCESSES FOR PURIFYING AND FOR DETECTING TARGET DOUBLE-STRANDED
; FILE REFERENCE: 03806_0546
; CURRENT APPLICATION NUMBER: US/11/378,356
; CURRENT FILING DATE: 2006-03-20
; PRIOR APPLICATION NUMBER: US/10/104,025
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US 60/285,272
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: FR 01/03953
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
```

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-11-378-356-26

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      703 AGAGAGAGACAGAG 719
Db      17 AGAGAGAGAGAGAG 1

RESULT 97
US-11-255-139A-487/c
; Sequence 487, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 487
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-487

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      711 AACAGAGAGAGACCTT 727
Db      17 AACAGAGAGAGACCTT 1

RESULT 98
US-11-255-139A-517/c
; Sequence 517, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 517
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-517

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2725
Db      17 AAAAAAAAAAGATATA 1
```

```
RESULT 99
US-11-255-139A-518/c
; Sequence 518, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 518
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-518

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2725
Db      17 AAAAAAAAAAAGATA 1

RESULT 100
US-11-255-139A-519/c
; Sequence 519, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 519
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-519

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2725
Db      17 AAAAAAAAAAAGATA 1

RESULT 101
US-11-255-139A-5064/c
; Sequence 5064, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 5064
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-5064

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1927 AATTCAGGTGACTCTC 1943
Db      17 AATCAGGTGCTCTC 1

RESULT 102
US-11-255-139A-7019
; Sequence 7019, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7019
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-7019

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 79;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      2439 AGAAGCAGAGCTGCTG 2455
Db      1 AGAAGAGAGAGCTGCTG 17

RESULT 103
US-11-368-233-3
; Sequence 3, Application US/11368233
; Publication No. US20060205040A1
; GENERAL INFORMATION:
; APPLICANT: Sampath, Rangarajan
; TITLE OF INVENTION: COMPOSITIONS FOR USE IN IDENTIFICATION OF ADVENTITIOUS VIRUSES
; FILE REFERENCE: DIBIS-0085US1 (10774)
; CURRENT APPLICATION NUMBER: US/11/368,233
; CURRENT FILING DATE: 2006-03-03
; PRIOR APPLICATION NUMBER: 60/658,248
; PRIOR FILING DATE: 2005-03-03
; PRIOR APPLICATION NUMBER: 60/705,631
; PRIOR FILING DATE: 2005-08-03
; PRIOR APPLICATION NUMBER: 60/732,539
; PRIOR FILING DATE: 2005-11-01
; PRIOR APPLICATION NUMBER: 60/740,617
; PRIOR FILING DATE: 2005-11-28
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-11-368-233-3

Query Match          0.5%; Score 13.4; DB 1; Length 15;
```

Best Local Similarity 93.3%; Pred. No. 75;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 545 TAACCAAGCTTTAG 559

Db 1 TAACCAAGCTTTAG 15

RESULT 104

US-11-301-360-1083
; Sequence 1083, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301.360
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1083
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-1083

Query Match 0.5%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 75;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2260 TCCTGAAGGGAAGT 2274

Db 1 TCCTGAAGGGAAGT 15

RESULT 105

US-11-327-199-3
; Sequence 3, Application US/11327199
; Publication No. US20060228725A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; APPLICANT: Biodesy LLC
; TITLE OF INVENTION: Method Using a Nonlinear Optical Technique for
; TITLE OF INVENTION: Detection of Interactions Involving a Conformational
; FILE REFERENCE: 026053-001931US
; CURRENT APPLICATION NUMBER: US/11/327.199
; CURRENT FILING DATE: 2006-01-05
; PRIOR APPLICATION NUMBER: US 60/351,879
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/354,668
; PRIOR FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: US 60/354,679
; PRIOR FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: US 60/362,003
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 10/164,915
; PRIOR FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: molecular beacon analogue hybridization target 3
US-11-327-199-3

Query Match 0.5%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 80;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAA 2723

Db 2 AAAAAAAAAAAAAA 16

Search completed: November 7, 2006, 10:34:20
Job time : 5 secs

This Page Blank (uspiel)